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BOOK NO

MESSAGE HANDLING INSTRUCTIONS

FROM: FCDNA KIRTLAND AFB NM/FCL 405190

TO: AFRI WASHINGTON DC/RPC/LTC STILL

DNA WASH DC/LGEC/MR STEVENS

DR ROBERT E. YODER, DIRECTOR, HEALTH, SAFETY AND

ENVIRONMENT, ROCKWELL INTERNATIONAL ATOMICS

INTERNATIONAL DIVISION, ROCKY FLATS PLANT,

PO BOX 464 GOLDEN CO 80401

MR. ARDEN E. BICKER, MANAGER, ENVIRONMENTAL SCIENCES

DEPARTMENT (MAIL STOP 709) AND MR. ALFRED W. WESTERN,

DIRECTOR, FIELD OPERATIONS (MAIL STOP 235) REYNOLDS

ELECTRICAL & ENGINEERING, INC., PO BOX 14400, LAS

VEGAS, NV 89114

DR. TOM CRITES, LAWRENCE LIVERMORE LABORATORY, PO BOX

808, LIVERMORE CA 94550

MISS MADELINE BARNES, DESERT RESEARCH INSTITUTE,

LAS VEGAS, NV

USERDA WASH DC/AES/TOM MCCRAW

MR. AL DOLES, VICE PRESIDENT, EBERLINE INSTRUMENT CORP,

PO BOX 2108, SANTA FE, NM 87501

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CHARLES TREAT, COL, USA, FCL, 4-7236, 21 SEP 77		
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FROM:

TO: MR. BRUCE CHURCH, CHIEF, RADIOLOGICAL BRANCH,
 BIOENVIRONMENTAL SCIENCES DIV, USERDA, PO BOX 14100,
 LAS VEGAS, NV 89114

MR. DONALD W. HENDRICKS, DIRECTOR, OFFICE OF RADIATION
 PROGRAMS, AND MR. DAVID E. BERNHARDT, PROGRAM MANAGER
 FOR DOSE ASSESSMENT, US ENVIRONMENTAL PROTECTION
 AGENCY, LAS VEGAS FACILITY, PO BOX 15027, LAS VEGAS,
 NV 89114

MR. JEROME DUMMER, HI GROUP LEADER (MS -401) AND MR.
 RICHARD F. SMALE, ASSISTANT HI GROUP LEADER, PO BOX
 1663, LOS ALAMOS SCIENTIFIC LABORATORY, LOS ALAMOS,
 NM 87545

INFO: DIRDNA WASH DC

FCDNA LIAISON OFC LAS VEGAS NV/FCTCL
 USERDA LAS VEGAS NV/ROGER RAY
 FCDNA HICKAM AFB HI/FCLP
 CJTG ENEWETAK ATOLL MI/FCR

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MESSAGE HANDLING INSTRUCTIONS

FROM:

TO:

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SUBJ: CONFERENCE ON RUNIT CLEANUP

1. THIS MESSAGE ANNOUNCES A CONFERENCE TO BE CONVENED AT THE ENERGY RESEARCH AND DEVELOPMENT (ERDA) NEVADA OPERATIONS OFFICE, LAS VEGAS, NEVADA, 4-5 OCT 1977. CONFERENCE WILL BEGIN AT 0830, 4 OCT. ADDRESSEES ARE REQUESTED TO ATTEND.

2. PURPOSE OF THE CONFERENCE IS TO EXAMINE MEANS OF MEETING REQUIREMENTS FOR A MORE DEFINITE, QUANTITATIVE CHARACTERIZATION OF THE SCOPE OF WORK INVOLVED IN THE RADIOLOGICAL CLEANUP OF RUNIT ISLAND.

3. BACKGROUND:

A. DIRECTOR DNA HAS BEEN DESIGNATED AS THE DOD PROJECT MANAGER FOR THE CLEANUP OF THE ENEWETAK ATOLL. THE ERDA IS RESPONSIBLE FOR RADIOLOGICAL SUPPORT. THIS INCLUDES DEFINING AND RECOMMENDING TO DNA THE AREAS WHICH QUALIFY FOR RADIOLOGICAL CLEANUP; DEFINING AND RECOMMENDING THE VOLUME OF SOIL TO BE REMOVED (ALL WITHIN THE GUIDELINES SPECIFIED IN THE ENVIRONMENTAL IMPACT

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FROM:

TO:

STATEMENT (EIS) AND FCDNA OPLAN 600-76); AND CERTIFYING THAT
CLEANUP HAS BEEN COMPLETED IN ACCORD WITH THOSE GUIDELINES.

B. IN APPROVING THIS OPERATION, THE CONGRESS LIMITED RESOURCES
TO AN APPROPRIATION OF \$20 MILLION PLUS ERDA AND DOD ASSISTANCE.
ERDA IS PROVIDING RADIOLOGICAL SUPPORT. THE MILITARY SERVICE
COMPONENTS ARE PROVIDING MEN AND EQUIPMENT FOR OPERATIONS; DNA
IS PROVIDING FUNDING FOR CAMP OPERATIONS AND PERSONNEL FOR
PROJECT DIRECTION. THIS OPERATION IS ONE OF SEVERELY CONSTRAINED
RESOURCES WHICH MUST JUDICIAALLY BE EXPENDED TO MAXIMIZE THE
BENEFITS TO BE OBTAINED. FOR EXAMPLE, THE METHOD OF DISPOSAL OF
CONTAMINATED MATERIAL REQUIRES PROCUREMENT OF CEMENT. IF THE
VOLUME OF CONTAMINATED SOIL EXCEEDS THE ESTIMATED QUANTITIES,
MONEY MUST BE REALLOCATED FROM SOME OTHER TASK TO PROCURE MORE
CEMENT.

C. THE ENEWETAK CLEANUP GUIDANCE DOCUMENTS REQUIRE CERTAIN
MANDATORY TASKS: DISPOSAL OF HAZARDOUS, NONRADIOACTIVE DEBRIS;
DISPOSAL OF RADIOACTIVE DEBRIS; EXCISING BURIAL SITES ON AOMON

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MESSAGE HANDLING INSTRUCTIONS

FROM:

TO:

ISLAND (AND OTHER BURIAL SITES DISCOVERED DURING THE OPERATION);
AND EXCISING OF SOIL CONTAMINATED WITH PU 239/240 TO LEVELS
GREATER THAN 400 PCI/G FROM LUJOR, BOKEN AND RUNIT ISLANDS (AND
OTHER AREAS DISCOVERED DURING THE OPERATION). AREAS CONTAMINATED
TO LEVELS LESS THAN 40 PCI/G DO NOT REQUIRE CLEANUP. CLEANUP OF
239/240 PU CONTAMINATED SOIL IN THE RANGE OF 40 TO 400 PCI/G, ON
THESE AND OTHER ISLANDS, IS TO BE BASED ON A CASE-BY-CASE ANALYSIS
GUIDED BY COST BENEFIT CONSIDERATIONS.

D. THE RADIOLOGICAL SITUATION ON RUNIT ISLAND, AS PORTRAYED BY
AVAILABLE DATA, IS A HETEROGENEOUS ADMIXTURE OF LAYERS AND
POCKETS OF HIGH LEVELS OF CONTAMINATION ABOVE, BELOW, AND BETWEEN
AREAS OF RELATIVELY LOWER CONTAMINATION. THERE MAY BE MILLIGRAM
SIZED PARTICLES OF PU CONTAMINATION SCATTERED IN SOME AREAS.
THIS HIGHLY HETEROGENEOUS SITUATION HAS LED TO AN UNCERTAINTY
IN THE VALIDITY OF THE ESTIMATED VOLUME OF SOIL TO BE EXCISED
FROM RUNIT. BY SOME ESTIMATES, RUNIT ACCOUNTS FOR 80 PERCENT
OF ALL CONTAMINATED SOIL TO BE EXCISED ON THE ATOLL. THE

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TO:

UNCERTAINTY IN THE VALIDITY OF ESTIMATED SOIL VOLUME LEADS TO UNCERTAINTY IN THE SCOPE OF WORK INVOLVED IN THE CLEANUP OF RUNIT. THIS COMBINED WITH CONSTRAINED RESOURCES, INDUCES UNCERTAINTY IN PLANNING FOR RESOURCES WHICH MAY BE AVAILABLE FOR CLEANUP OF OTHER ISLANDS OF GREATER BENEFIT TO THE ENEWETAK PEOPLE.

4. THIS CONFERENCE WILL BE ASKED TO REVIEW THE PRESENTLY AVAILABLE RUNIT RADIOLOGICAL DATA, ADVISE AS TO WHETHER ADDITIONAL DATA WILL ASSIST IN REFINING THE SCOPE OF WORK, AND RECOMMEND METHODS AND RESOURCES INVOLVED IN OBTAINING SUCH ADDITIONAL DATA. PERTINENT INFORMATION IS BEING FORWARDED TO CONFEREES FOR REVIEW PRIOR TO THE CONFERENCE.

5. SINCE BOTH RADIOLOGICAL AND OVERALL CLEANUP RESOURCES WILL BE EFFECTED BY THE DISCUSSION, FCDNA, AS A REPRESENTATIVE OF THE OVERALL PROJECT MANAGER, WILL CHAIR THIS CONFERENCE. COL CHARLES J. TREAT HAS BEEN DESIGNATED AS CHAIRMAN. CONFEREES NEEDING ASSISTANCE AT ERDA, LAS VEGAS, SHOULD CONTACT MR. ROGER

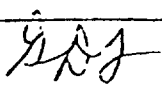
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FROM:

TO:

RAY ((702) 734-3553), OR THE FCDNA ERDA LIAISON OFFICER, MAJ
 CARL TAYLOR AT (702) 734-3226. TECHNICAL QUESTIONS REGARDING
 THE SUBJECT OF THE CONFERENCE SHOULD BE DIRECTED TO DR. EDWARD
 BRAMLITT, FCDNA, ALBUQUERQUE, NM, (505) 264-6487, OR MR. ROGER
 RAY.

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